

MP EC1  
fat EC18  
DC42 EC2  
HPT-1 EC1  
BTRcad-1  
BTRcad-2  
BTRcad-3  
BTRcad-4  
BTRcad-5  
BTRcad-6  
BTRcad-7  
BTRcad-8  
BTRcad-9  
BTRcad-10  
BTRcad-11

EWVMPPIFVP---ENGK---  
EDTVYSFDID---ENAQR---  
ASPVITLAIP---ENTNI---  
IVTENIWKAPKPV---MVEN---  
ITANLGTQVYIMDE---IEDEITIAILNYNGPSTP---  
QNFEPCKRVP---LGEP---  
LEIFAVQQFE---KSYQ---  
IHKKEYRLAIHM---ETPL-TLNFDKEFG---  
EHAHQVQTTFD---ETRGE---  
RLPRGSPQVE---ENVPD---  
VEGTLEQNFVRV---EMSAG---  
ETTKFDTVYVYIY---ENATH---  
PPPSSELSTWIS---ENLKQ---  
VFPPTNDAYIRLAR---EYAVIN---  
ASSEHAAFI---EKS---  
GPFPPQRLNQL---GPYQVGGQIV---  
GSLFPPL---GQNAQLSYGVVSDWANDVFSLNIPQT---  
ASDRDANEGLQVAEDQEEKQPQLIVM---  
YRWRWINDPPGAQYSYDKEKLPRFPSIDQE---  
YFIELPFLSOSYNNLMPVIRRVDN---  
YSDADGRTSTEFMTFRIDSVR---  
AIDGDTEINMPINYRLITNEEDTFFSIEALPGGKS---  
FHDKDOLGQNAQYTVRLESVDPPGAEEAFYIAPEV---  
AHDRDIDGVVEHTLLGNAVNFLTIDKLT---  
AIDBDITADLRFENINWDTSFATKQGRQANPDEFNCVEIETIP---  
ADDIDGPLYNQVRYTIFPREDDKDLIMIELPH---  
ASDDIDRDEIYHMVSYVINYAVNPRLMNFVSVNRET---  
AIDBDIDRDEPDTDNSRUYGEIINLSTERDIEVPELFVMQIIANVT---  
ADDIDGDLHAGVVTFQWYDEESSQRYFQWVDND---  
AIDBIDKKNHLCEDDCHSIYRITDGNSEGHF---  
A.D.D.....6.....E.....

Cadherin Consensus Motif

MP EC1  
fat EC18  
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HPT-1 EC1  
BTRcad-1  
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BTRcad-3  
BTRcad-4  
BTRcad-5  
BTRcad-6  
BTRcad-7  
BTRcad-8  
BTRcad-9  
BTRcad-10  
BTRcad-11

GWL LLLHMP---SVEEPMNISIIVTDDNDNPKF---  
GML TLTAR---SLSSTTITYCNVLDNDNAPIF---  
GN---SLDYEEVQHYILLVQAQDNGQP---(SEQ ID NO:8)  
GD I YVTOP---PRATSALLRVTVDNDNAPIF---(SEQ ID NO:9)  
GSA SHH---PLSYPLEIHVKYKDNDNAPIF---(SEQ ID NO:10)  
GDEETFYIERTNIPNQWMWLNMNTIGVNTSLNFVTSPLHIFSVTALDSL---(SEQ ID NO:11)  
GAVFLV---GQSSLVAGVSLAIYNDDNAPIF---  
GYQRQTFIMGTLNHSNM---PNTHTVTMMVQVANVNSRPPRWP---  
GD I RVSANDSFN---AFSTSSTNVVIVTDDNDQRPPEP---  
FHTATSQLYIRLNDINNNTPTT---  
IDRDTLQREVFPITIVAKYDEE---RHVGVALVHIDLINWNLDEQPTIE---  
IDYEVPEFQOSITIRVYATDNNNDT---DDYDESMILTITIDMNDNAPVW---  
YHRESESELFVQYRATDTLGQP---YWEATEGNTITHIDINNKVPA---  
FPEIINNNNRGLAIGRVRVAREIRHNVTIDYEEFEVLSLTVRVRDLNTVYG---  
GSNFRE-HKRRRIDANTPPRFHLYYTVAASDROSTEDPADCPPDPT---IDRDGDEPTHRFFNLIDNFMGEGEGN-RNQNDTEVLYLUDNDNAPEL---  
GLVYVVDYETQGSG---GYEELNLSTERDIEVPELFVMIQIANVTGELETTAIDLKGWGTAYIYLAFDHGIPQMSMMNETYELLIHPEF---  
GENLGSRLRLLQAVPE---GPLSTDMDTFRVVFVPTQGEPRF---PLPASILTVTVREADPRPWF---  
GLDPVRNRLFLKKE---LIRKDSASHTLQVAASNSPD661---

Cadherin Consensus Motif  
G.....

DRE...  
G.....

D..ND..P.F

FIG. 2I